

STN 8 Caplus, Japio  
STN/Columbus

(FILE 'HOME' ENTERED AT 19:47:51 ON 04 APR 2006)

FILE 'CAPLUS' ENTERED AT 19:48:00 ON 04 APR 2006

L1 2446 S RETICLE?  
L2 1386449 S ETCH? OR PATTERN? OR REMOV?  
L3 3695505 S VIA# OR PLUG# OR PILLAR# OR STUD# OR CONTACT#  
L4 933243 S LINE#  
L5 20 S L1 AND L2 AND L3 AND L4  
L6 1215394 S VIA OR VIAS OR PLUG OR PLUGS OR PILLAR OR PILLARS OR STUD OR  
L7 16 S L1 AND L2 AND L6 AND L4

FILE 'JAPIO' ENTERED AT 19:50:03 ON 04 APR 2006

L8 2 S L7

FILE 'INSPEC' ENTERED AT 19:50:15 ON 04 APR 2006

L9 8 S L7

FILE 'CAPLUS' ENTERED AT 19:50:35 ON 04 APR 2006

L10 65325 S IMD OR ILD OR INTERLAYER? OR INTERLEVEL? OR INTER(W) (LAYER? O  
L11 259568 S L2 AND (SIO OR SIO2 OR SI3N4 OR NITRIDE? OR OXIDE? OR 'PSG OR  
L12 9981 S L2 AND L10  
L13 40355 S (L11 OR L12) AND L6  
L14 1036 S L10(10A) (NM OR NMS OR NANOMETER? OR NANO(W)METER?)  
L15 65 S L12 AND L14  
L16 21092 S (NM OR NMS OR NANOMETER? OR NANO(W)METER?) (10A) (SIO OR SIO2  
L17 2322 S L11 AND L16  
L18 360 S L6 AND L17  
L19 10 S L15 AND L6  
L20 367 S L19 OR L18  
L21 58 S L20 AND LINE?  
L22 45 S L20 AND LINE#  
L23 322 S L20 NOT L22  
L24 64 S L23 AND (RETICLE? OR ALUMINUM OR ALCU OR ALSI OR ALSICU OR AL  
L25 258 S L23 NOT L24  
L26 66 S L25 AND (WIRING? OR METAL?)  
L27 192 S L25 NOT L26  
L28 192 S L6 AND L27  
L29 12 S L28 AND (DRAM OR SRAM OR FERAM OR FRAM OR RAM OR CAPACITOR? O  
L30 83 S L28 AND (SEMICONDUCT? OR WAFER? OR CHIP?)  
L31 77 S L30 NOT L29  
L32 103 S L28 NOT (L29 OR L30)

FILE 'JAPIO' ENTERED AT 20:03:44 ON 04 APR 2006

L33 43 S L20

FILE 'CAPLUS' ENTERED AT 20:04:26 ON 04 APR 2006

L34 158755 S MASK# OR PHOTOMASK# OR PHOTORESIST# OR RESIST#  
L35 1073 S L2 AND L3 AND L34 AND EXPOSURE  
L36 11 S L2 AND L6 AND L34 AND (EXPOSUR?(5A) (INTENSIT? OR LEVEL?))  
L37 12590 S (1ST OR FIRST) (3A) L6  
L38 9654 S (2ND OR SECOND) (3A) L6  
L39 3 S (1 ST) (3A) L6  
L40 1 S (2 ND) (3A) L6  
L41 11 S L35 AND L37 AND L38  
L42 11 S L41 NOT L36  
L43 42 S L35 AND (L37 OR L38)  
L44 30 S L43 NOT (L42 OR L36)

FILE 'JAPIO' ENTERED AT 20:08:50 ON 04 APR 2006

L45 892 S L35

STN Columbus

L46	21 S L36 OR L41 OR L43
L47	871 S L45 NOT L46
L48	404 S L47 AND (SEMICONDUCT? OR WAFER? OR CHIP?)